

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 800254W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/FI 02/00743	International filing date (day:month:year) 18 Sept 2002	(Earliest) Priority Date (day:month:year)
Applicant Nokia Corporation et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 02/00743

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38, H04Q 7/22
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1065904 A1 (ALCATEL), 3 January 2001 (03.01.01), page 2, line 58 - page 3, line 11; page 3, line 22 - page 4, line 1; page 8, line 9 - line 55, page 9, line 23 - page 9, line 36; abstract	1-5,19-21
Y	--	6-9
X	WO 9927724 A1 (TELEFONAKTIEBOLAGET LM ERICSSON), 3 June 1999 (03.06.99), page 3, line 30 - page 4, line 10; page 11, line 19 - page 13, line 26, figure 1, claim 18, abstract	1-5,15
Y	--	6-9,18

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 31 March 2003	Date of mailing of the international search report 04 -04- 2003
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Peter Hedman/MN Telephone No. + 46 8 782 25 00

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International application No.
PCT/FI 02/00743

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0762714 A2 (AT&T CORP.), 12 March 1997 (12.03.97), column 2, line 38 - line 49; column 3, line 59 - column 4, line 16; column 6, line 44 - line 56 --	6-9
Y	WO 0131952 A1 (NOKIA NETWORKS OY), 3 May 2001 (03.05.01), page 3, line 8 - line 20; page 4, line 7 - line 32; page 5, line 14 - line 21, abstract --	18
A	WO 02054786 A1 (NOKIA CORPORATION), 11 July 2002 (11.07.02), page 6, line 12 - line 35; page 10, line 4 - line 18, figures 2,3 -- -----	10,11

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/12/02

International application No.
PCT/FI 02/00743

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
EP	1065904	A1	03/01/01	NONE		
WO	9927724	A1	03/06/99	AU	1359099 A	15/06/99
				CA	2311726 A	03/06/99
				TW	437245 B	00/00/00
				US	6188887 B	13/02/01
EP	0762714	A2	12/03/97	AU	701669 B	04/02/99
				AU	6553796 A	20/03/97
				CA	2183798 A	13/03/97
				JP	9130506 A	16/05/97
				US	5751798 A	12/05/98
WO	0131952	A1	03/05/01	AU	1148401 A	08/05/01
				EP	1142390 A	10/10/01
				FI	110226 B	00/00/00
				FI	992325 A	29/04/01
WO	02054786	A1	11/07/02	FI	20002888 A	30/06/02